



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,649	03/10/2004	Yung Sze-Tai	9073.025	4214
41129	7590	09/29/2005	EXAMINER	
NEIL J. COIG 2355 DRUSILLA LANE BATON ROUGE, LA 70809			DUNWIDDIE, MEGHAN K	
			ART UNIT	PAPER NUMBER
			2875	

DATE MAILED: 09/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/797,649

Applicant(s)

SZE-TAI, YUNG

Examiner

Meghan K. Dunwiddie

Art Unit

2875

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-47 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6, 13-16, 21-23, 27, 28, 32 and 44-47 is/are rejected.
- 7) ☒ Claim(s) 7-12, 17-20, 24-26, 29-31 and 33-43 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 03/10/2004.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: ____.

DETAILED ACTION

This Office Action is a Non-Final Rejection in response to the application filed March 10, 2004 by **Sze-Tai**.

Information Disclosure Statement

1. The information disclosure statement filed March 10, 2004 fails to comply with 37 CFR 1.98(a)(1), which requires the following: (1) a list of all patents, publications, applications, or other information submitted for consideration by the Office; (2) U.S. patents and U.S. patent application publications listed in a section separately from citations of other documents; (3) the application number of the application in which the information disclosure statement is being submitted on each page of the list; (4) a column that provides a blank space next to each document to be considered, for the examiner's initials; and (5) a heading that clearly indicates that the list is an information disclosure statement. The information disclosure statement has been placed in the application file, but the information referred to therein has not been considered.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless.–

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 5, 15, 22, and 27 are rejected under 35 U.S.C. 102(b) as being anticipated by **Yuen** (US 5859582).
4. In reference to Claim 1, **Yuen** shows a multipurpose mobile device [Figure 1] comprising:
- A body having a first side wall, a second side wall, a front wall, a rear wall, a top wall and a base [Figure 1: (1)];
 - Said body [Figure 1: (1)] containing an energy source [See column 2 lines 39-41] to power said device [Figure 1] operatively connected to a power hub configured to distribute energy within said device [Figure 1];
 - A spotlight mounted in a spotlight housing, and wherein said spotlight housing is pivotally mounted to said body [See column 2 lines 28-37 in reference to Figure 2: (6)].
5. In reference to Claim 2, **Yuen** shows:
- Wherein said spotlight is mounted in a spotlight housing and wherein said spotlight housing is pivotally mounted to said body [See column 2 lines 28-37 in reference to Figure 2: (6)].
6. In reference to Claims 5, 15, 22, and 27, **Yuen** shows:
- A flood light [Figure 1] operatively attached to said body [Figure 1: (1)] and having an operable connection to said power hub.

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 3, 6, 13, 16, 23, 28, and 32 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Yuen** (US 5859582) in view of **Chun** (US 2003/0179573).

9. Regarding Claims 3 and 13, **Yuen** shows:

- A spotlight [Figure 1: (6)] and energy source [See column 2 lines 39-41].

10. **Yuen** does not show:

- A dimming switch, said dimming switch configured to control the voltage delivered to said spotlight, whereby the output of said spotlight may be increased or decreased as desired.

11. **Chun** teaches:

- A dimming switch [Figure 1: (40)], said dimming switch [Figure 1: (40)] configured to control the voltage delivered to said spotlight [Figure 1: (65)], whereby the output of said spotlight [Figure 1: (65)] may be increased or decreased as desired.

Art Unit: 2875

12. It would have been obvious for one of ordinary skill in the art, at the time of the invention to include a dimming switch taught by **Chun** on the spotlight of **Yuen** for the purpose and advantage of providing the user with the option of increasing and/or decreasing the light emitted from the spotlight as desired.

13. Regarding Claims 6, 16, 23, 28, and 32, **Yuen** shows the claimed invention as cited above, but does not specifically teach a light emitting diode (LED) torch attached to said body and operatively connected to said power hub.

14. **Chun** teaches:

- A light emitting diode (LED) torch [Figure 1: (10)] attached to said body [Figure 1: (12)],
- And operatively connected to said power hub [Figure 11].

15. It would have been obvious for one of ordinary skill in the art, at the time of the invention to provide an LED torch as taught by **Chun** attached to the spotlight body of **Yuen** for the purpose and advantage of having an alternate means of illuminating an object.

16. Claims 4, 14, 21, 44, and 45 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Yuen** (US 5859582) in view of **Haut et al.** (US 5469346).

Art Unit: 2875

17. Regarding Claims 4, 14, and 21, **Yuen** shows:

- A switch [Figure 1: (11)] operatively integrated in said body [Figure 1: (1)].

18. **Yuen** does not show:

- A switch operatively integrated in said body and configured to momentarily interrupt the current to said spotlight when said switch is activated,
- Whereby said spotlight may be operated as a flasher.

19. **Haut et al.** teaches:

- A switch [Figure 3: (26)] operatively integrated in said body [Figure 3: (18)] and configured to momentarily interrupt the current to said spotlight [Figure 4: (20)] when said switch [Figure 3: (26)] is activated,
- Whereby said spotlight [Figure 4: (20)] may be operated as a flasher [See column 2 lines 38-41 and lines 54-60].

20. It would have been obvious for one of ordinary skill in the art, at the time of the invention to provide a switch as taught in **Haut et al.** configured to momentarily interrupt the current to the spotlight of **Yuen** for the purpose and advantage of having the spotlight be operated as a flasher and having the ability to be used in emergency situations or the like.

21. Regarding Claim 44, **Yuen** shows:

- A body [Figure 1: (1)].

22. **Yuen** does not show:

- Said body further comprising a clock mounted in said body.

23. **Haut et al.** teaches:

- Said body [Figure 3: (18)] further comprising a clock [Figure 3: (38)] mounted in said body [Figure 3: (18)].

24. It would have been obvious for one of ordinary skill in the art, at the time of the invention to including a clock as taught by **Haut et al.** within the body of the spotlight of **Yuen** for the purpose and advantage of displaying the time.

25. Regarding Claim 45, **Yuen** shows:

- A body [Figure 1: (1)].

26. **Yuen** does not show:

- Wherein said clock said further comprises an operable connection to said power hub.

27. **Haut et al.** teaches:

- Wherein said clock [Figure 3: (38)] said further comprises an operable connection to said power hub [Figure 4].

28. It would have been obvious for one of ordinary skill in the art, at the time of the invention to including a clock as taught by **Haut et al.** within the body of the spotlight of **Yuen** for the purpose and advantage of displaying the time.

29. Claims 46 and 47 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Yuen** (US 5859582) in view of **Chun** (US 2003/0179573) and **Cheng** (US 3030497).

30. Regarding Claims 46 and 47, **Yuen** shows a multipurpose mobile device [Figure 1], comprising:

- A body having a first side wall, a second side wall, a front wall, a rear wall, a top wall and a base [Figure 1: (1)];
- Said body [Figure 1: (1)] containing an energy source [See column 2 lines 39-41] to power said device [Figure 1] operatively connected to a power hub configured to distribute energy within said device [Figure 1];
- A spotlight mounted in a spotlight housing, and wherein said spotlight housing is pivotally mounted to said body [See column 2 lines 28-37 in reference to Figure 2: (6)].

Art Unit: 2875

31. **Yuen** does not show:

- A dimming switch operatively connected between said spotlight, said dimming switch configured to control the voltage delivered to said spotlight, whereby the output of said spotlight may be increased or decreased as desired.
- At least one side light module operatively mounted in said spotlight housing and operatively connected to said power hub.
- And a light emitting diode (LED) torch attached to said body, and operatively connected to said power hub.

32. **Chun** teaches:

- A dimming switch [Figure 1: (40)] operatively connected between said spotlight [Figure 1: (65)], said dimming switch [Figure 1: (40)] configured to control the voltage delivered to said spotlight [Figure 1: (65)], whereby the output of said spotlight [Figure 1: (65)] may be increased or decreased as desired.
- A light emitting diode (LED) torch [Figure 1: (10)] attached to said body [Figure 1: (12)],
- And operatively connected to said power hub [Figure 11].

33. It would have been obvious for one of ordinary skill in the art, at the time of the invention to include a dimming switch taught by Chun on the spotlight of Yuen for the purpose and advantage of providing the user with the option of increasing and/or decreasing the light emitted from he spotlight as desired. It would have also been

Art Unit: 2875

obvious for one of ordinary skill in the art, at the time of the invention to provide an LED torch as taught by **Chun** attached to the spotlight body of **Yuen** for the purpose and advantage of having an alternate means of illuminating an object.

34. **Yuen** and **Chun** do not show:

- At least one side light module operatively mounted in said spotlight housing and operatively connected to said power hub.

35. However, **Cheng** teaches:

- At least one side light module [Figure 8: (57 and 103)] operatively mounted in said spotlight housing [Figure 8] and operatively connected to said power hub [Figure 10].

36. It would have been obvious for one of ordinary skill in the art, at the time of the invention to provide a side light module as taught by **Cheng** attached to the spotlight body of **Yuen** for the purpose and advantage of having an alternate means of illuminating an object.

Allowable Subject Matter

37. Claims 7-12, 17-20, 24-26, 29-31, and 33-43 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.


Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Meghan K. Dunwiddie whose telephone number is (571) 272-8543. The examiner can normally be reached on Monday through Friday 8 am-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sandra O'Shea can be reached on (571)272-2378. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MKD


Stephen Husar
Primary Examiner